

## **REMARKS**

Claims 1-20 are pending in this application. In the Office Action, the Examiner allowed Claims 3-9, objected to informalities in Claims 1, 10, 11 and 18, and rejected Claim 2 under 35 U.S.C. 112 as being indefinite. The Examiner indicated that Claim 2 would be allowed if amended to overcome the rejection under 35 U.S.C. 112, and that Claims 1 and 10-20 would also be allowed if the informalities in Claims 1, 10, 11 and 18 were overcome.

Claims 1, 2, 10, 11 and 18 are being amended to address the Examiner's objections to these claims. It is believed that, with these amendments, all of Claims 1-20 are now in condition for allowance. The Examiner is, accordingly, asked to reconsider and to withdraw the objections to Claims 1 and 10-20 and the rejection of Claim 2 under 35 U.S.C. 112, and to allow Claims 1, 2 and 10-20.

More specifically, as the Examiner suggested, in Claim 1, line 10, "optical signals" is being changed to "the optical channels"; and in line 11, "changes" is being changed to "the changes", and "optical signals" is being changed to "optical channels". Also, in Claim 1, lines 13, "feedback signals" is being changed to "said feedback signals", and in line 14, "the optical signal" is being changed to "the optical channels".

In Claim 10, line 3, "steps" is being changed to "step". In Claim 11, line 5, and in Claim 18, line 8, "a bandpass function" is being changed to "a plurality of bandpass functions".

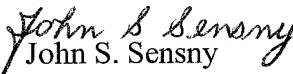
It is believed that these changes fully address the Examiner's specific objections to Claims 1, 10, 11 and 11, and the objections to Claims 10-20 as being dependent upon an objected base claim. The Examiner is thus respectfully asked to reconsider and to withdraw the objections to Claims 1 and 10-20 and to allow these claims.

Claim 2 is also being amended to overcome the Examiner's objections. In particular, Claim 2 is being amended to remove the references to spectral decomposition, response corrections, and specified bit error. The claim is being amended further to indicate expressly that the wavelength locked loop set forth in the claim is part of the feedback mechanism and is for generating the feedback signals described in Claim 1.

Applicants' Attorneys have carefully reviewed Claim 2, and it is believed that the claim is clear and definite and fully complies with the requirements of 35 U.S.C. 112. The Examiner is also asked to reconsider and to withdraw the rejection of Claim 2 under 35 U.S.C. 112, and to allow this claim.

Every effort has been made to place this application in condition for allowance, a notice of which is requested. If the Examiner believes that a telephone conference with Applicants' Attorneys would be advantageous to the disposition of this case, the Examiner is asked to telephone the undersigned.

Respectfully submitted,

  
John S. Sensny  
Registration No. 28,757  
Attorney for Applicants

SCULLY, SCOTT, MURPHY & PRESSER, P.C.  
400 Garden City Plaza – Suite 300  
Garden City, New York 11530  
(516) 742-4343

JSS:jy